

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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6-17-03

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Technology Center 2600

PATENT APPLICATION

Inventor(s):

Fen-Chung Kung et al.

**Docket No.:** 

1999-0353

**Application No.:** 

09/475141

Filing Date:

12/30/1999

**Examiner Name:** 

K. Yao

**Group Art Unit:** 

2664

Title:

Broadband Cable Telephony Network Architecture IP ITN Network

Architecture Reference Model

MAIL STOP PATENT APPLICATION COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

SIR:

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

- 1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)).
- 2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application, after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

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		a. I hereby certify that each item of information contained in this information discloss statement was first cited in any communication from a foreign patent office in a counterp foreign application not more than three months prior to the filing of this information discloss statement. (37 C.F.R. §1.97 (e)(1)).						
		b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more that three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)						
		c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee und 37 C.F.R. §1.17(p) and to ensure consideration of the disclosed information.						
	under	3. This information disclosure statement is being filed after the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311, or an action which otherwise closes prosecution, whichever occurs first, but on or before payment of the Issue Fee. (37 C.F.R. §1.97(d)).						
a. I hereby certify that each item of information contained in this information statement was first cited in any communication from a foreign patent office in a c foreign application not more than three months prior to the filing of this information statement. (37 C.F.R. §1.97(e)(1)).								
		b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(2)).						
		c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.						
		•	Respectfully					
Date:	6	-5103	Ву:					
AT&	Γ CORP	<b>?</b> . [	Cedric G. DeLaCruz, Attorney					
P.O.	Box	4110	Reg. No.: 36498					
Midd	letow	n. New Jersey 07748-4110 $\Gamma$	T· 908-532-1882					

F: 732-368-6932

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TRANSMITTAL FORM			Filing Date	12	12/30/1999 <b>RECEIVED</b>					
			First Named Inventor		Fen-Chung Kung et al.					
The Property of a	all correspondence after	initial filing)	Group Art Unit		2664 JUN 1 6 200			1 6 2003		
			Examiner Name					Technology Center 2600		
Total Number of	f Pages in this Submission	on	Attorney Docket Number		K. Yao					
	·			19	99-035	5				
Enclosures (check all that apply)										
Cover Sh  Fee Attached  Amendment / Response  After Final  Affidavits / Declaration(s)  Extension of Time Request  Express Abandonment Request  Information Disclosure Statement  Certified Copy of Priority  Document(s)  Cover Sh  Drawings  Drawings  Drawings  Drawings  Drawings  Petition to  Applicati  Power of  Change  Address  Terminal			ing(s) & Letter to Official sman sing-related Papers on to the Commissioner on to Convert a Provisional cation or of Attorney, Revocation ge of Correspondence ess inal Disclaimer est for Refund		After Allowance Communication to Group  Appeal Communications to Board of Appeals and Interferences  Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)  Proprietary Information  Status Letter  Return Receipt Postcard  CD, Number of CDs  Additional enclosure(s) (please identify below)  PTO/SB/08A with 67 references					
			CORRESPONDE	NCE	ADDRE	SS	<del>- · · · -</del>			
☐ Customer Number or Bar Code Label Customer Number - 26652 or ☐ Correspondence address below										
NAME	Samuel H. Dwo	retsky								
ADDRESS	AT&T CORP. P.O	). Box 4	1110							
CITY	Middletown		_ <del></del>	STA	TE Ne	w Jer	sey	ZIP CODE	07748-4110	
COUNTRY	United States	of Amer	rica					FAX	732-368-6932	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED										
NAME Cedric G. DeLaCruz Reg. # 36498							8			
TELEPHONE 908-532-1882										
SIGNATURE () () () () () OS () OS () DATE (6.503										
CERTIFICATE OF MAILING										
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 6-6-63										
Type or Printed Name	Mighael A.	, Catala	np , ,							
Signature Muchall at slama Date 6-6-03										

Application Number

PTO/SB/21 MODIFIED BY AT&T CORP.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMIT   Application Number   09 / 4 / 5 / 14   RECEIVED						IED BY AT&T CORE			
First Named Inventor   Fee - Churry   Kung et al.		A	Comple						
First Named Inventor   Fee Part   Court   Fee Par	FFF TRANSMITTALE	.							
State	Patent Fees are subject to an unit ravision					VLU			
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NETHOD OF PAYBENT (cross)	TOTAL AMOUNT 1 DE JUN 1 2 2003	Froun/Art Unit		a0		ZUU3			
The Commissioner is hereby authorized DEES officialed fees and credit any overpayments to:   Deposit Account Number   0.1 - 2.7 4.5   1051   130   3ucharps: late filing fee or oath Number   0.1 - 2.7 4.5   1051   130   3ucharps: late filing fee or oath Number   0.1 - 2.7 4.5   1052   50   3ucharps: late filing fee or oath Number   0.1 - 2.7 4.5   1052   50   3ucharps: late filing fee or oath Number   0.1 - 2.7 4.5   1052   50   3ucharps: late filing fee or oath Number   0.1 - 2.7 4.5   1052   50   3ucharps: late filing fee or oath Number   0.1 - 2.7 4.5   1052   50   3ucharps: late filing fee or oath Number   0.1 - 2.7 4.5   1052	OF PAYMENT \$180			-0353	Toohnalass	-1- 0000			
1. The Commissioner's hereby authorized Septimbrial to Except Period (Code Period) Deposit Account Name			1 1000	0333		ter 2600			
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Deposit Account   Number   01-2745   Deposit Account   Number   01-2745   Deposit Account   AT&T CORP.		ated lees and credit any	Large Fee	Entity		Fee Paid			
Deposit Account Name AT&T CORP.    Charge Any Additional Fee Required Under 37 CFR 1.8 at the Mailing Date of the Notes of Altowance and 1.17   FILING FEE Large Fee Entity Code Fee(s)   Fee Paid   1252   110   1254   1450   14					Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1.18 at the Mailing Date of the Notice of Alborance of	Deposit Account		1052	50					
Required Under 37 CFR 1.18 of the Notice of Allowance and 1.17 FILING FEE  I. FILING FEE  Large Fee Entity Code Fee(s) Unity(37 CFR 1.53 (b)) POPA(37 CFR 1.53 (b)) POPA(37 CFR 1.53 (c)) Provisional Filing Fee 1004 750 Relissue Filing Fee 1005 160 Provisional Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe			1053	130	Non-English specification				
Examinar action   Extension for response within first month   Examinar action   Examinar action   Examinar action   Extension for response within first month   Extens	Required Under 37 CFR 1.16 CFR 1	1.18 at the Mailing Date	1812	2520	For filing a request for reexamination				
Large Fee   Entity   Fee Description   Fee Paid   1251   110   Extension for response within first month   1252   1410   Extension for response within first month   1252   1410   Extension for response within first month   1253   1410   Extension for response within first month   1254   1410   Extension for response within first month   1255   1410   Extension for response within first month   1255   1410   Extension for response within first month   1255   1410   Extension for response within fourth month   1410	FEE CALCULATION		1804*	920					
Fee   Entity   Fee Description   Fee Paid   1252   410					Examiner action				
1001   750	Fee Entity	Ego Poid	1251	110	•				
1002 330 Design Filing Fee	1001 750 Utility(37CFR 1.53(b)) /	, oc , aid	1252	410					
1005 160 Provisional Filing Fee	` ` ` ` ` <u> </u>		1253	930					
SUBTOTAL (1) 0 1402 320 Filing a brief in support of an appeal 1402 320 Filing a brief in support of an appeal 1402 320 Filing a brief in support of an appeal 1402 320 Filing a brief in support of an appeal 1402 320 Filing a brief in support of an appeal 1403 280 Request for oral hearing 1504 300 Publication fee for early, voluntary, or normal publication 1504 1504 300 Publication fee for early, voluntary, or normal publication 1504 1504 1504 1504 1504 1504 1504 1504	1004 750 Reissue Filing Fee		1254	1450					
SUBTOTAL (1) 0  1402 320 Filing a brief in support of an appeal Request for oral hearing  CPA Under 37CFR 1.53 (b)  CPA Under 37CFR 1.53 (d)  Amendment  Extra Claims  Fee from below  Fee Pald  1452 110 Petition to revive – unavoidable  Extra Claims  Fee from below  Fee Pald  1501 1300 Utility issue fee (or reissue)  1502 470 Design issue fee  Ind 3 = 0	1005 160 Provisional Filing Fee		1255	1970					
2. CLAIMS Filing Under 37CFR 1.53 (b)  CPA Under 37CFR 1.53 (d)  Amendment  Extra Claims  Fee from below  Fee Paid  Ind.  - 20 = 0			1401	320	Notice of Appeal				
2. CLAIMS  CPA Under 37CFR 1.53 (d)  Amendment  Extra Claims  Fee from below  Fee Pald  Ind.  300  Publication fee for early, voluntary, or normal publication  1452  110  Petition to revive – unavoidable  1453  1300  Petition to revive – unintentional  1501  1300  Utility issue fee (or reissue)  1502  470  Design issue fee  1460  130  Petitions to the Commissioner  1460  130  Processing fee for provisional applications  1807  Submission of Information Disclosure Statement  1806  180  Submission of Information Disclosure Statement  1806  180  Submission after final rejection  (37 CFR 1.129(a))  1801  750  Fing a submission after final rejection  (37 CFR 1.129(a))  For each additional invention to be examined (37 CFR 1.129(b))  1801  1801  750  Request for Continued Examination  (RCE)  1802  900  Request for continued Examination  Other fee (specity):	SUBTOTAL (1) 0		1402	320	Filing a brief in support of an appeal				
Amendment  Extra Claims   Fee from   Fee Paid   1452   110   Petition to revive – unavoidable   1452   110   Petition to revive – unavoidable   1453   1300   Petition to revive – unintentional   1452   110   Petition to revive – unintentional   1453   1300   Petition to revive – unintentional   1501   1300   Utility issue fee (or reissue)   1502   470   Design issue fee   1502   470   Design issue fee   1460   130   Petitions to the Commissioner   1460   130   Petitions to the Commissioner   1460   130   Petitions to the Commissioner   1807   50   Processing fee for provisional applications   1806   180   Submission of Information Disclosure   1806   180   Submission of Information Disclosure   1807	2. CLAIMS Filing Under 37CFR 1.53 (b)		1403	280	Request for oral hearing				
Extra Claims    Extra Claims   Fee from below   Fee Paid   1453   1300   Petition to revive – unintentional   1501   1300   Utility issue fee (or reissue)   1502   470   Design issue fee   1502   470   Design issue fee   1502   470   Design issue fee   1502   1	CPA Under 37CFR 1.53 (d)		1504	300					
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Multiple Dependent Claims     =     0       Large Fee Code     Entity Fee(\$)     Fee Description       1202     18     Claims in excess of 20       1201     84     Independent Claims in excess of 3       1203     280     Multiple Dependent Claims       1204     84     Reissue independent claims over original patent       1205     18     Reissue claims in excess of 20 and over original patent       1205     18     Reissue claims in excess of 20 and over original patent       1205     18     Reissue claims in excess of 20 and over original patent       1206     1800     1800       1809     750     Filing a submission after final rejection (37 CFR 1.129(a))       1810     750     For each additional invention to be examined (37 CFR 1.129(b))       1801     750     Request for Continued Examination (RCE)       1802     900     Request for expedited exam of a design application       Other fee (specify):	Ind 3= 0 x 84 =	0			-				
Table   Tabl	Larga Eag. Entity	<del>*</del>							
1202 18 Claims in excess of 20  1201 84 Independent Claims in excess of 3  1203 280 Multiple Dependent Claims  1204 84 "Reissue independent claims over original patent  1205 18 "Reissue claims in excess of 20 and over original patent  1206 18 "Reissue claims in excess of 20 and over original patent  1207 18 "Reissue claims in excess of 20 and over original patent  1208 18 "Reissue claims in excess of 20 and over original patent  1209 18 "Reissue claims in excess of 20 and over original patent  1209 18 "Reissue claims in excess of 20 and over original patent  1209 18 "Reissue claims in excess of 20 and over original patent  1200 1801 750 Request for Continued Examination (RCE)  1201 1802 900 Request for expedited exam of a design application  1202 1803 1809 750 Filing a submission after final rejection (37 CFR 1.129(b))  1203 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1204 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1205 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1206 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1207 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1209 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1200 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1201 1801 750 Request for Continued Examination (RCE)  1202 900 Request for expedited exam of a design application  1203 1809 750 Filing a submission after final rejection (37 CFR 1.129(a))  1204 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1205 1809 750 For each additional invention to be examined (37 CFR 1.129(b))  1206 1809 750 For each additional invention to be examined (37 CFR 1.129(c))  1207 1809 750 For each additional invention to be examined (37 CFR 1.129(c))		tion			applications				
1201 84 Independent Claims in excess of 3  1203 280 Multiple Dependent Claims  1204 84 **Reissue independent claims over original patent  1205 18 **Reissue claims in excess of 20 and over original patent  1206 18 **Reissue claims in excess of 20 and over original patent  1207 Other fee (specify):  **Or number previously paid, if greater, for Reissues, see above	1202 18 Claims in excess of 20				Statement	180			
1203 280 Multiple Dependent Claims  1204 84 *** Reissue independent claims over original patent  1205 18 *** Reissue claims in excess of 20 and over original patent  1206 18 *** Reissue claims in excess of 20 and over original patent  1207 18 *** Reissue claims in excess of 20 and over original patent  1208 18 *** Reissue claims in excess of 20 and over original patent  1209 1800 1801 750 Request for Continued Examination (RCE)  1209 1802 900 Request for expedited exam of a design application  1209 Other fee (specify):  *** or number previously paid, if greater, for Reissues, see above	1201 84 Independent Claims in excess of	of 3			property (times number of properties)				
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Other fee (specify):  ** or number previously paid, if greater, for Reissues, see above	1205 18 ** Reissue claims in excess of 20	and over original patent	1802	900	(RCE) Request for expedited exam of a				
			Other fee (sp	ecify):	design application	<u>-</u> ,			
		ove			SUBTOTAL(3) 180				

SUBMITTED BY Typed or Printed Name Complete (if applicable) Reg. Number Cedric G. DeLaCruz 36498 6-2-03 SEND TO: Commissioner for Patents, Washington, D.C. 20231 Date Deposit Account User ID